(54) Title: METHOD OF FILTERING AN IMAGE WITH BAR-SHAPED STRUCTURES
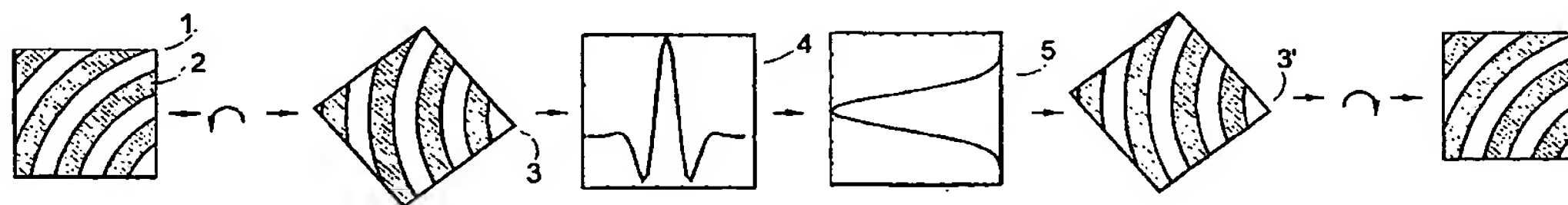
(57) Abstract: In a method of filtering an image with bar-shaped structures by means of Gabor filters, which are formed in the spatial domain by a two-dimensional Gaussian bell-shaped curve on which a cosine function is superimposed in a main direction, the image is divided into tiles, a predominant direction of the bar-shaped structures is determined for each tile and the filtration is undertaken in such a way that one tile at a time is rotated until the predominant direction lies at right angles to the main direction of the Gabor filter, one filtration takes place in the main direction and another filtration takes place at right angles to this, and the filtered tile is rotated back again.